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TITLE: Preliminary Investigation of the Role of Cellular Immunity in Estrous Cycle Modulation of Post-Resection Breast Cancer Spread

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<b>13. Abstract (Maximum 200 Words) (abstract should contain no proprietary or confidential information)</b> It is hypothesized that The short term objectives of doing this proposal are to better understand which sex steroids and which cellular immune functions control post resection metastatic cancer spread. The long term goal is to use this understanding to develop testable hypotheses for "neoadjuvant" hormonal/immunological therapies, which when given at or around the time of a cancer resection, might result in diminishing the subsequent metastatic spread of the resected cancer.						
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**Annual Report (April 19, 1999 – November 30, 2002)**

**William J.M. Hrushesky, M.D.**

**DAMD17-98-1-8016**

**December 30, 2002**

**Introduction:** This grant was awarded to the Albany Research Institute at Stratton Veterans Affairs Medical Center, Albany, New York (WJM Hrushesky, PI) on April 20, 1998. The PI relocated to the Wm. Jennings Bryan Dorn VA Medical Center in Columbia South Carolina in the summer of 2000. Since that time, the PI and the new Awardee Institution, the Dorn Research Institute, Inc. have been in the process of transferring the award to the DRI. For a variety of reasons, this process has taken a great deal of time. The modified assistance agreement (DAMD17-98-1-8016, Modification No. P00001) was executed by all parties on August 19, 2002 with a modified performance period (20 April 98 – 3 Aug 04). The transfer of funding was not completed until the Dorn Research Institute deposited the check dated November 20, 2002 on December 23, 2002. As such, the proposed research was not re-initiated during this reporting period and there are not results or conclusions to report. The institution and principal investigator are poised to begin experiments in early January 2003 and finalize experimentation during the approved period.

**Body:** N/A (see above).

**Key Research Accomplishments:** None this reporting period.

**Reportable Outcomes:** None to date.

**Conclusions:** None to date.

**References:** None.

**Appendices:** None.